| Ind | ex of | Claims |  |
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|     |       |        |  |

Application/Control No.

10/651,680

Examiner

Daniel S. Larkin

Applicant(s)/Patent under Reexamination

LEE ET AL.

Appeal

Art Unit

2856

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(Through numeral) Cancelled

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|----------|----------|----------|---|--------------|--|--|--------------|----------------|--|----------|-----|-------|----------|----------|----------|----------|--|--|----------|----|-------------------------------------|---|
| Cla      | aim      | I        |   | _            |  | Dat  | e            |                |  |          | 1 1 | Cla   | aim      | 1        |          |          | - (  | Date   | е        |    |                                     | _ |
| Final    | Original | 11/23/05 |   |              |  |  |              |                |  |          | :   | Final | Original |          |          |          |  |  |          |    |                                     |   |
|          | 1        | 1        | _ |              |  |  |              |                |  |          |     |       | 51       |          |          |          |  |  |          |    |                                     | ļ |
|          | 2        | 1        |   | ┞            | ├_   | ┡  | <u> </u>     | ├-             |  | -        |     |       | 52       | _        |          | _        | ┡  | ⊢  | $\vdash$ |    | _                                   | ł |
|          | 3        | 0        |   | ├—           | <u> </u>   | ⊢  | -            | <del> </del> — | -  | ├        | ł   |       | 53<br>54 | -        |          |          |  | ├  | -        |    | -                                   | ł |
|          | 5        | 0        |   |              | $\vdash$   | ╀  | ├            | ┥              | ⊢  | -        | 1   |       | 55       |          | $\vdash$ | $\vdash$ | ├  | ⊢  | $\vdash$ |    | ⊢                                   | ł |
|          | 6        | ō        |   | -            | $\vdash$   | $\vdash$   | ┢            | ├─             | $\vdash$   | ┢        |     |       | 56       | $\vdash$ | ┝        | -        | ╁╌   | ┢  | -        |    | ┝                                   | ł |
|          | 7        | V        |   | -            |  | ┢  | ╁            | -              |  |          |     |       | 57       |          |          | -        | -  | <del>                                     </del> |          |    | $\vdash$                            | t |
|          | 8        | 1        |   | T            |  | T  | $\vdash$     |                | _  | _        |     |       | 58       | _        |          |          |  | Г  |          |    | _                                   | t |
|          | 9        | V        |   |              | Г  | T  |              |                |  |          |     |       | 59       |          |          |          |  |  |          |    | <u> </u>                            | t |
|          | 10       |          |   |              |  |  |              |                |  |          |     |       | 60       |          |          |          |  |  |          |    |                                     | Ī |
|          | 11       |          |   |              |  |  |              |                |  |          |     |       | 61       |          |          |          |  |  |          |    |                                     |   |
|          | 12       |          |   |              |  |  |              |                |  |          |     |       | 62       |          |          | L        | L  |  |          |    |                                     | L |
|          | 13       |          |   |              | L  |  |              |                |  |          |     |       | 63       |          |          |          | L  | <u> </u>   |          |    | L_                                  | l |
|          | 14       | Ц        |   |              | ļ  | <u> </u>   | _            | _              | _  | L.       |     |       | 64       |          |          | L        | _  | _  |          |    |                                     | ļ |
|          | 15       | Ш        |   |              | <u> </u>   | <u> </u>   | ┕            | <u> </u>       |  | L.       |     |       | 65       |          |          |          | <u>L</u> .                                       | ļ  |          |    | _                                   | Ļ |
|          | 16       | Ш        |   |              | <u> </u>   | <u> </u>   | ↓            | <u> </u>       | <del> </del>                                     | <u> </u> |     |       | 66       |          | _        |          | ┢  | ├_   |          |    | _                                   | ļ |
|          | 17       | Ш        |   |              | ļ  | ┡  | ├            | <u> </u>       | _  |          |     |       | 67       |          |          | _        | <u> </u>   | ├  | _        |    | ┝                                   | ļ |
| -        | 18       | $\vdash$ |   | $\vdash$     | ├  | ⊢  | ┝            | <u> </u>       |  | -        | ł   |       | 68<br>69 |          | -        |          | <del> </del>                                     | ├  | $\vdash$ |    | ⊢                                   | ł |
| -        | 19<br>20 | Н        |   | -            | ├  | ├-   | ┢            | -              | $\vdash$   |          | 1   |       | 70       |          |          | _        | ⊢  | ├  | -        |    | $\vdash$                            | ł |
| -        | 21       | Н        | _ | ├─           | ├  | $\vdash$   | ┢            | $\vdash$       | -  |          | 1   | -     | 71       | H        | -        | ļ        | ╁╌   | ┢  |          |    | $\vdash$                            | ŀ |
| -        | 22       | $\vdash$ |   | $\vdash$     | <del> </del>                                     | ┢  | ┢╾           | -              | -  | +        | 1   |       | 72       | H        | -        |          | ╁  | ┢  | $\vdash$ | _  | ┢                                   | ł |
| $\vdash$ | 23       | Н        |   | <del> </del> | H  |  | H            | $\vdash$       | <del>                                     </del> | $\vdash$ | 1   |       | 73       |          | $\vdash$ |          | ╁┈   | ┢  | $\vdash$ |    |                                     | ł |
| _        | 24       |          |   | -            | <del>                                     </del> | t  | 一            |                | <del>                                     </del> | -        |     |       | 74       |          |          |          | <b>!</b>   | l  |          | _  | _                                   | t |
|          | 25       |          |   |              | <u> </u>   | H  | t            |                |  |          | i   |       | 75       |          | $\vdash$ | _        | Н  | ╁  |          |    | $\vdash$                            | t |
|          | 26       |          |   |              |  | T  | Г            | T              |  |          |     |       | 76       |          |          |          | T  |  |          |    | <u> </u>                            | t |
|          | 27       |          |   |              |  | Τ  |              | -              |  | -        | 1   |       | 77       |          |          |          | Г  |  |          |    | Г                                   | T |
|          | 28       |          |   |              |  |  |              |                |  |          |     |       | 78       |          |          |          |  |  |          |    |                                     |   |
|          | 29       |          |   |              |  |  |              |                |  |          |     |       | 79       |          |          |          |  |  |          |    |                                     |   |
|          | 30       |          |   |              |  | L  |              | <u> </u>       | _  | <u> </u> |     |       | 80       |          |          |          | _  | <u>L</u>   |          |    | L.                                  | ļ |
|          | 31       |          |   | <u> </u>     | <u>L</u>   | _  | L            | _              | L.   | <u> </u> | [   |       | 81       |          |          |          | L  |  |          |    | _                                   | 1 |
|          | 32       | Ш        |   | <u> </u>     | ┞-   | <u> </u>   | ↓            | <u> </u>       | <u> </u>   | <u> </u> |     |       | 82       | _        |          |          | ļ  | _  | $\vdash$ |    | <u> </u>                            | 1 |
| <u></u>  | 33       | Н        |   | <u> </u>     | <b> </b>   | ├  | $\vdash$     | _              | _  | <u> </u> |     |       | 83       | <u> </u> | $\vdash$ | _        | ⊢  | ⊢  | Н        | _  | <u> </u>                            | ŀ |
| <u> </u> | 34<br>35 | $\vdash$ |   | -            | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$       | ├-   | -        |     |       | 84<br>85 | $\vdash$ | $\vdash$ | -        |  | ├  |          | _  | $\vdash$                            | ł |
| <u> </u> | 36       | ╁╌┤      | _ | $\vdash$     | $\vdash$   | $\vdash$   | -            | -              | -  | -        |     |       | 86       | -        | $\vdash$ | _        | ⊢  | $\vdash$   | Н        |    | $\vdash$                            | ŀ |
| $\vdash$ | 37       | $\vdash$ |   | $\vdash$     | $\vdash$   | $\vdash$   | ├            | ┝              |  | $\vdash$ |     |       | 87       |          | -        | _        | H  |  | H        |    | $\vdash$                            | ŀ |
| $\vdash$ | 38       | $\vdash$ |   | $\vdash$     | -  | +-   | <del> </del> | ┢              | $\vdash$   | $\vdash$ |     |       | 88       |          | $\vdash$ | _        | $\vdash$   | <del> </del>                                     | Н        |    | $\vdash$                            | t |
| <b>—</b> | 39       | $\vdash$ | _ | -            | $\vdash$   | ╁  | $\vdash$     | Н              |  | $\vdash$ |     |       | 89       |          |          |          | <del>                                     </del> |  | Н        |    | $\vdash$                            | t |
| $\vdash$ | 40       | $\vdash$ |   | $\vdash$     | T  | <del>                                     </del> | $\vdash$     | Ι              |  | $\vdash$ |     |       | 90       |          |          | Т        | t  | t  | H        |    |                                     | t |
|          | 41       | $\Box$   |   | Г            | T-   | Π  | $\vdash$     | Γ              |  | $\vdash$ |     |       | 91       |          | _        |          |  |  | П        |    | Г                                   | t |
|          | 42       | П        |   |              |  | Π  | Π            | $\vdash$       | П  |          |     |       | 92       |          |          |          |  |  | П        |    | Γ                                   | r |
|          | 43       |          | _ |              |  | Г  |              |                |  |          | ]   |       | 93       |          |          |          |  |  |          |    |                                     | Γ |
|          | 44       |          |   |              |  |  |              |                |  |          | ]   |       | 94       |          |          |          |  |  |          |    |                                     | ſ |
|          | 45       |          | _ |              |  |  |              |                |  |          |     |       | 95       |          |          |          |  |  |          |    |                                     | Ĺ |
|          | 46       |          | _ |              | Ē  | L  |              |                | <u> </u>   |          |     |       | 96       | $\Box$   |          |          |  |  | Ш        |    |                                     | Ĺ |
|          | 47       | Щ        | _ |              | _  | _  | L            | <u> </u>       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | <u> </u> |     |       | 97       | Щ        | Щ        |          | <u> </u>   | L_   | Ш        |    | ļ                                   | L |
| <u> </u> | 48       | $\sqcup$ |   | L_           | <u> </u>   | <u> </u>   | _            | <u> </u>       | <b> </b>   | <b> </b> |     |       | 98       | <b> </b> | L.,      |          | <u> </u>   | ⊢  | Щ        |    | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L |
| $\vdash$ | 49       | $\sqcup$ |   | _            | _  | <u> </u>   | <del> </del> |                |  | <u> </u> |     |       | 99       | <u> </u> | Ш        |          | <b>—</b>   | ⊢  | Н        |    | <u> </u>                            | ŀ |
| Щ.       | 50       | Ш        |   | L            | L  | L  | l            | L              | L  | L        | J I |       | 100      | l .      |          | L        | 1  | <u> </u>   | Ш        | _  | L                                   | L |

|          |                            | _        |                    |  |              | _        |          |          |              |   |
|----------|----------------------------|----------|--------------------|--|--------------|----------|----------|----------|--------------|---|
| Cla      | aim                        | l        |                    |  | (            | Date     | Э        |          |              |   |
| Final    | Original                   |          |                    |  |              |          |          |          |              |   |
|          | 51                         |          | _                  | $\vdash$   | $\vdash$     |          |          |          | ┢            | H |
|          | 52                         | H        |                    | $\vdash$   | <u> </u>     | H        | $\vdash$ |          | $\vdash$     | Н |
|          | 52<br>53                   |          |                    |  |              |          |          |          |              |   |
|          | 54                         |          |                    |  | _            |          |          |          |              |   |
|          | 55                         |          |                    |  |              |          |          |          |              | Г |
|          | 56                         |          |                    |  |              |          |          |          |              | Г |
|          | 57<br>58                   |          |                    |  |              |          |          |          |              |   |
|          | 58                         |          |                    |  |              |          |          |          |              |   |
|          | 59                         |          |                    |  |              |          |          |          |              | L |
| <u></u>  | 60                         |          |                    | <u> </u>   | <u> </u>     |          |          |          |              | L |
| ļ        | 61                         | <u>_</u> | _                  | _  | <u> </u>     | <u> </u> |          | <u></u>  |              | L |
|          | 62                         |          |                    | <u> </u>   | <u> </u>     |          |          |          |              | L |
| -        | 63<br>64<br>65             |          |                    | <u> </u>   | L            |          |          |          | <u> </u>     | _ |
|          | 64                         | _        | _                  | <u> </u>   | _            | _        | _        |          |              | - |
| <u> </u> | 65                         |          | _                  |  | <u> </u>     | <u> </u> |          |          | _            | _ |
| <u> </u> | 66<br>67                   |          | _                  |  |              | ├        |          |          | ⊢            | ┝ |
|          | 68                         |          | -                  | -  | _            |          | -        |          |              | ┝ |
| $\vdash$ | 60                         |          | -                  |  |              | -        | ⊢        | _        | $\vdash$     | ┝ |
| -        | 70                         |          | $\vdash$           | $\vdash$   |              | -        | -        | _        | $\vdash$     | ┝ |
| -        | 71                         |          |                    | -  | -            | $\vdash$ | -        |          | $\vdash$     | H |
|          | 72                         |          | -                  | <del>                                     </del> | <del> </del> |          | $\vdash$ | $\vdash$ | $\vdash$     | H |
|          | 69<br>70<br>71<br>72<br>73 | $\vdash$ | $\vdash$           |  |              |          |          |          |              | Г |
|          | 74                         |          |                    |  |              |          |          |          |              | Г |
|          | 74<br>75                   |          | П                  |  |              |          |          |          |              | Г |
|          | 76<br>77                   |          |                    |  | Ī            |          |          |          |              |   |
|          | 77                         |          |                    |  |              |          |          |          |              |   |
|          | 78                         |          |                    |  |              | <u> </u> |          |          |              |   |
|          | 79                         |          |                    | <u> </u>   |              | <u> </u> | _        |          | L            | _ |
| <u></u>  | 80                         |          | ᆫ                  | ldash  | _            | <u> </u> |          |          | L_           | _ |
| <u> </u> | 81                         |          |                    | ļ  | ļ            | <u> </u> |          |          |              | _ |
| -        | 82                         | _        | _                  | <u> </u>   |              | <u> </u> |          |          |              | _ |
|          | 83                         |          | _                  |  | H            | _        | <u> </u> | <u> </u> | -            | ┝ |
|          | 84<br>85                   | $\vdash$ |                    | -  |              |          |          | ┝        | H            | ⊢ |
| -        | 86                         | <u> </u> | _                  | $\vdash$   | _            | _        |          | $\vdash$ | H            | ┝ |
| -        | 87                         |          | _                  | _  |              | $\vdash$ |          | $\vdash$ | $\vdash$     | ┢ |
| <u> </u> | 88                         |          | -                  | -  | $\vdash$     |          | _        | ╫╌       | <del> </del> | 一 |
|          | 89                         | _        |                    |  | -            | -        | _        | -        | $\vdash$     | ┪ |
| $\vdash$ | 90                         |          |                    | Н  | Н            | -        |          | $\vdash$ |              | - |
|          | 91                         | _        |                    | Н  |              | $\vdash$ | _        | Н        |              |   |
|          | 92                         | _        |                    | Г  |              |          | П        | $\vdash$ |              |   |
|          | 93                         |          |                    |  |              |          |          |          |              |   |
|          | 94                         |          |                    |  |              |          |          |          |              |   |
|          | 95                         |          |                    |  |              |          |          |          |              |   |
|          | 96                         |          |                    |  |              |          |          |          |              |   |
|          | 97                         |          |                    |  |              |          |          |          |              |   |
| <u></u>  | 98                         | L_       | <u> </u>           |  | _            | _        |          | _        | igspace      | L |
| ļ        | 99                         | <u> </u> | $ldsymbol{\sqcup}$ | L  | Щ            | _        | _        | ļ        | $\vdash$     | L |
| 1        | 100                        |          |                    |  |              | i        | i        | ı        |              |   |

| Çla             | Date                            |          |              |  |          |              |              |          |            |                 |  |
|-----------------|---------------------------------|----------|--------------|--|----------|--------------|--------------|----------|------------|-----------------|--|
|                 |                                 |          | Γ            | Ι  |          | Γ            | Γ            |          |            |                 |  |
| - a             | Original                        |          | l            |  |          |              |              |          |            |                 |  |
| Final           | Ξğ                              |          |              |  |          |              |              |          |            |                 |  |
| "               | ō.                              |          |              |  |          |              |              |          |            |                 |  |
|                 |                                 |          | <u> </u>     | _  |          |              | _            |          | _          | $\Box$          |  |
|                 | 101                             |          | <u> </u>     |  |          |              | <u> </u>     |          |            |                 |  |
|                 | 102                             |          |              |  |          |              |              |          |            |                 |  |
|                 | 102<br>103                      |          | _            | l .  |          |              |              |          |            |                 |  |
|                 | 104                             |          |              |  |          |              |              |          |            |                 |  |
|                 | 105                             |          |              | $\Box$   |          |              |              |          |            |                 |  |
|                 | 106<br>107<br>108               | _        |              | _  |          | Т            |              |          |            |                 |  |
|                 | 107                             | _        |              | -  |          |              | ┢            |          | _          |                 |  |
| $\vdash$        | 108                             | _        |              | $\vdash$   | -        | $\vdash$     | $\vdash$     | _        | -          | $\vdash$        |  |
|                 | 109                             | _        | -            | $\vdash$   | <u> </u> | $\vdash$     | ┝            | $\vdash$ |            | Н               |  |
| <b></b>         | 109                             | _        | -            | ┝  | <u> </u> | _            | <u> </u>     | _        | _          | -               |  |
| <u></u>         | 110                             |          |              | <u> </u>   | _        | <u> </u>     | <u> </u>     | _        |            | -               |  |
|                 | 111                             |          |              | _  | _        | <u> </u>     | <u> </u>     | L.,      |            |                 |  |
|                 | 112                             |          | <u> </u>     | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>     | <u> </u> | L_         | Ш               |  |
|                 | 113                             |          | L            |  | L        | <u> </u>     | L_           |          |            |                 |  |
|                 | 113<br>114<br>115               |          |              | L  | L        | L            | L            | L        | L          |                 |  |
|                 | 115                             |          |              | Ī  |          |              |              |          |            | П               |  |
|                 | 116                             |          |              |  |          |              |              |          |            |                 |  |
|                 | 116<br>117                      |          | Γ            | Ι_   |          |              |              |          |            | Ш               |  |
|                 | 118                             |          | T            | T  |          |              |              |          |            | H               |  |
| <b>—</b>        | 118<br>119                      | _        | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$     | ┢            | _        | _          | $\vdash$        |  |
|                 | 120                             | _        | ┝            | ┢  | H        | <del> </del> | -            | _        | _          | $\dashv$        |  |
|                 | 120                             |          | ⊢            | ⊢  | _        | -            | ⊢            |          |            | $\vdash$        |  |
| <u> </u>        | 121<br>122<br>123               | _        | ⊢            | ⊢  |          | <u> </u>     | ┝            |          |            | $\vdash$        |  |
|                 | 122                             |          | ┡            | <u> </u>   | _        | ļ            | ┡            |          |            | Н               |  |
|                 | 123                             |          | ╙            | <u> </u>   | _        | <u> </u>     | <u> </u>     | _        | _          | Щ               |  |
|                 | 124<br>125                      |          | <u> </u>     |  |          | L.           | L.           |          | _          |                 |  |
|                 | 125                             |          |              |  |          |              |              |          |            |                 |  |
|                 | 126<br>127<br>128<br>129<br>130 |          |              |  |          |              |              |          |            |                 |  |
|                 | 127                             |          |              |  |          |              |              |          |            |                 |  |
|                 | 128                             |          |              |  |          |              |              |          |            |                 |  |
|                 | 129                             |          |              |  |          |              |              |          |            |                 |  |
|                 | 130                             |          |              |  |          |              | $\vdash$     |          |            |                 |  |
|                 | 131                             |          | -            | $\vdash$   | -        |              | -            |          |            |                 |  |
| <b>—</b>        | 132                             | _        | -            | ┢  | -        | $\vdash$     | ├─           |          |            | $\vdash$        |  |
| <u> </u>        | 132<br>133<br>134               |          | <del> </del> | $\vdash$   |          | $\vdash$     | $\vdash$     |          |            |                 |  |
| ļ               | 133                             |          | -            |  |          | -            |              |          |            |                 |  |
| $\vdash$        | 134                             |          | $\vdash$     | <u> </u>   | <u> </u> | $\vdash$     | $\vdash$     | _        |            | $\vdash$        |  |
| <u> </u>        | 135<br>136                      |          | <u> </u>     | <u> </u>   | Ш        | <u> </u>     | <u> </u>     |          | ├          | $\vdash \vdash$ |  |
| <b></b>         | 136                             |          | <u> </u>     |  | <u> </u> | <u> </u>     | <u> </u>     | _        | <u> </u>   | $\square$       |  |
| $\sqcup$        | 137<br>138                      |          | ļ            | $\vdash$   | ļ        | L.           | L            |          | Ц.         |                 |  |
| Ш               | 138                             |          | _            | <u> </u>   |          | L_           | $oxed{oxed}$ | Щ        | L          | Щ               |  |
| L               | 139                             |          |              | L  |          |              |              |          |            |                 |  |
|                 | 140                             |          |              | $oxedsymbol{oxedsymbol{oxed}}$                   |          |              |              |          |            |                 |  |
|                 | 141                             |          |              |  |          |              |              |          |            |                 |  |
|                 | 142                             |          |              |  |          |              |              |          |            |                 |  |
|                 | 143                             |          |              | Г  |          |              |              |          |            | П               |  |
| $\vdash$        | 144                             | $\vdash$ | $\vdash$     | $\vdash$   |          | $\vdash$     |              | $\vdash$ | Н          | $\vdash \vdash$ |  |
| $\vdash$        | 145                             |          | _            | $\vdash$   |          | -            | $\vdash$     |          | -          | $\vdash$        |  |
| $\vdash \vdash$ | 146                             |          | ├-           | <del>                                     </del> | _        | -            |              | _        | $\vdash$   | $\vdash\vdash$  |  |
| $\vdash$        |                                 | $\vdash$ | $\vdash$     | $\vdash$   |          | $\vdash$     | $\vdash$     |          | $\vdash$   | $\vdash \vdash$ |  |
| <b> </b>        | 147                             |          | <b>—</b>     | <u> </u>   |          | $\vdash$     | $\vdash$     |          |            | Н               |  |
| <u> </u>        | 148                             |          | <u> </u>     | <u> </u>   |          | $\vdash$     |              |          | lacksquare |                 |  |
|                 | 149                             |          |              | Щ  |          | Щ            | Щ            |          | Щ          | Ш               |  |
|                 | 150                             |          |              |  |          |              |              |          |            |                 |  |
|                 |                                 |          |              |  |          |              | _            |          |            |                 |  |